

To: Beeler, Cindy[Beeler.Cindy@epa.gov]
From: Beeler, Cindy
Sent: Fri 8/5/2016 10:22:30 PM
Subject: CATF Electric/Air PCs Report -

Cindy Beeler

US EPA Region 8, Energy Advisor
Office of the Regional Administrator
Tel: 303-312-6204
Beeler.Cindy@epa.gov

From: David McCabe <dmccabe@catf.us>
Sent: Friday, August 5, 2016 1:50 PM
To: Beeler, Cindy
Cc: Jonathan Banks
Subject: Re: Exciting opportunity to work with new regulator in Mexico on oil and gas air emissions

Hi Cindy,

Sorry, that email I just sent you became non-sensical at the end. I somehow ended up typing the last line of another email, intended for somebody else, at the end. Let me start over!

Again, thanks for writing back on Monday about the workshop in Mexico. We'd like to follow-up with you if possible, so we can discuss who from EPA should be at this meeting. As we've mentioned, we think that this is an exciting opportunity to work with Mexico to reduce emissions, and it will be important to have some folks from EPA with direct experience in reducing O&G emissions at the meeting.

Could we do a phone call to discuss in the next few days?

On another matter, as you may be aware, CATF recently commissioned a report on zero-emitting alternatives to pneumatic controllers and pumps. The report examines a number of technologies, and finds that instrument air and electric controllers – including electric controllers with on-site solar generation – are mature, reliable, and generally applicable technologies. They are in use at hundreds of sites. Finally, as the report describes, they are cost-effective, even with very conservative assumptions (assuming high costs and low emissions factors).

The full report is posted here:

http://catf.us/resources/publications/files/Zero_Emitting_Pneumatic_Alternatives.pdf

In a few weeks, we are planning to release a spreadsheet that will allow readers to look

at the economics of these non-polluting technologies for particular sites (i.e., for a new site with 2 continuous-bleed controllers and 1 intermittent controller, etc.) and to vary certain input assumptions for the calculation (such as emissions factor, or price of gas).

When that is ready, we will let you know. We wanted to get you the report now because we think it is very relevant work, for example for the development of the FIP for the Uinta basin.

Please let me know if you have any questions. And let us know if we can talk soon about the meeting in Mexico, and who should be there.

David

David McCabe
Clean Air Task Force
dmccabe@catf.us
626-710-6542

From: David McCabe <dmccabe@catf.us>
Date: Friday, August 5, 2016 at 3:17 PM
To: "Beeler, Cindy" <Beeler.Cindy@epa.gov>
Cc: Jonathan Banks <jbanks@catf.us>
Subject: Re: Exciting opportunity to work with new regulator in Mexico on oil and gas air emissions

Hi Cindy, thanks for writing back. We'd like to follow-up with you if possible, so we can discuss who from EPA should be at this meeting. As we've mentioned, we think that this is an exciting opportunity to work with Mexico to reduce emissions, and it will be important to have some folks from EPA with direct experience in reducing O&G emissions at the meeting.

Could we do a phone call to discuss in the next few days?

On another matter, as you may be aware, CATF recently commissioned a report on zero-emitting alternatives to pneumatic controllers and pumps.

Darin's back on Monday, right? I'll draft something for ellen.

David McCabe
Clean Air Task Force
dmccabe@catf.us
626-710-6542

From: <Beeler>, Cindy <Beeler.Cindy@epa.gov>
Date: Monday, August 1, 2016 at 11:03 AM
To: David McCabe <dmccabe@catf.us>, "Moore, Bruce" <Moore.Bruce@epa.gov>
Cc: Jonathan Banks <jbanks@catf.us>
Subject: RE: Exciting opportunity to work with new regulator in Mexico on oil and gas air emissions

David –

Exciting work with Mexico, Canada and the U.S. on methane emissions from existing oil & gas sources! Thanks for reaching out to me. I will run it by my management but I reckon it will be unlikely my office will be able to afford such travel. I have been accepted by the US State Department for their Embassy Science Fellowship Program, which EPA supports, where I will be in Ottawa working with ECCC on their new methane regulations for oil & gas sources. My office pays the travel and per diem for that 60-day assignment.

Good luck and please keep me posted,

Cindy Beeler

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From: David McCabe [<mailto:dmccabe@catf.us>]

Sent: Friday, July 29, 2016 8:57 AM

To: Moore, Bruce <Moore.Bruce@epa.gov>; Beeler, Cindy <Beeler.Cindy@epa.gov>

Cc: Jonathan Banks <jbanks@catf.us>

Subject: Exciting opportunity to work with new regulator in Mexico on oil and gas air emissions

Hello Bruce and Cindy,

I hope you are well despite the heat - seems to be hot all over the country this week.

I wanted to reach out to see if one or both of you might be interested in participating in a workshop we and our colleagues at the Center for Clean Air Policy are doing in Mexico with ASEA and some of the other agencies and ministries charged with implementing Mexico's pledge to reduce their oil and gas methane emissions by 40-45%.

We know that EPA is already deeply engaged with Mexico, but this workshop will provide a unique opportunity to bring together a number of different regulatory bodies that are dealing with methane emissions. Besides EPA, we are working to get both California and Colorado regulators at the workshop and possibly other states. We are also bringing in Alberta and Canada regulators to provide their perspective, and talking with DOE; DOE has been supportive of the meeting, for example getting it mentioned on this WH fact sheet on US-Mexico bilateral engagements:

<https://www.whitehouse.gov/the-press-office/2016/07/22/fact-sheet-united-states-mexico-relations>

The workshop will be in Mexico City, in late August, either the week of the 22nd or the week of the 29th. Slippage to September is certainly possible depending on availability of participants. We should have a draft agenda soon but basically it will be a one-day workshop largely designed around a panel discussion featuring regulators from a number of jurisdictions (hopefully including USEPA).

It would be very valuable to have EPA folks who are directly engaged with regulating O&G represented at this meeting, because of your lead role and extensive experience. We hope you'll consider participating!

Please let me know if you have questions. If any of you are interested in attending, we should discuss dates that would work best for you.

Thank you, and let me know if you have questions about the meeting.

David

—

David McCabe, PhD

Atmospheric Scientist

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CATF is a nonprofit organization dedicated
to reducing atmospheric pollution through
research, advocacy, and private sector collaboration.